## I. CLAIM AMENDMENTS

Please amend the claims as indicated in the following listing:

What is claimed is:

1. (Currently amended) A method for validating a plurality of data in a backend driven environment, the method comprising:

creating an XML Schema for a database, wherein the XML Schema contains a plurality of rules for validating a plurality of data in the database;

copying the database to a hashtable;

designating a query interval;

upon the occurrence of a query interval, comparing the database to the hashtable;

determining if the database and the hashtable are identical; and

when the database and the hashtable are not identical, ~~the additional step of~~ creating a new XML Schema;

wherein the ~~additional step of~~ creating a new XML Schema includes automatically updating the plurality of rules; and

wherein a new XML Schema is created only when a determination is made that the database and the hashtable are not identical.

2. (Canceled)

3. (Previously presented) The method of claim 1 further comprising: when the database and the hashtable are identical, resetting the query interval and repeating the steps in claim 1.

4. (Currently amended) The method of claim 1 ~~wherein the additional steps~~ further compris[[e]]ing: when the database and the hashtable are not identical, deleting the hashtable and saving the database as a new hashtable.

5. (Currently amended) The method of claim 1 ~~wherein the additional steps~~ further compris[[e]]ing: when the database and the hashtable are not identical, storing the new XML Schema in a web server's virtual root.

6. (Previously presented) The method of claim 1 wherein a limited number of tables from the database are copied to the hashtable; and wherein upon the occurrence of a query interval, the database tables are compared to the tables in the hashtable.

7. (Previously presented) The method of claim 1 wherein a database metadata is copied to the hashtable; and wherein upon the occurrence of a query interval, the database metadata is compared to the metadata in the hashtable.

8. (Original) The method of claim 1 further comprising: notifying a registered party of an update to the XML Schema.

9. (Original) The method of claim 1 further comprising: using a database trigger to indicate a change in the database.

10. (Previously presented) A first method for validating proposed additions to a database comprising:

accessing an XML Schema stored in a web server's virtual root;

checking the validity of a data using the XML Schema;

submitting the data to a database;

validating the data; and

adding the validated data to the database;

wherein the XML Schema is created by a second method comprising:

creating an XML Schema for a database;

copying the database to a hashtable;

designating a query interval;

upon the occurrence of the query interval, comparing the database to the hashtable;

determining if the database and the hashtable are identical; and

when the database and the hashtable are not identical, creating a new XML Schema.

11. (Original) The first method of claim 10 further comprising: creating an XML Schema for a database.

12. (Canceled)

13. (Original) The first method of claim 10 wherein the second method further comprises: when the database and the hashtable are identical, resetting the query interval and repeating the steps in claim 10.

14. (Original) The method of claim 10 wherein the second method further comprises: deleting the hashtable and saving the database as a new hashtable.

15. (Original) The method of claim 10 wherein the second method further comprises: storing the new XML Schema in a web server's virtual root.

16. (Previously presented) The first method of claim 10 wherein the second method further comprises: wherein a limited number of tables from the database are copied to the hashtable;

and wherein upon the occurrence of a query interval, the database tables are compared to the tables in the hashtable.

17. (Previously presented) The first method of claim 10 wherein the second method further comprises: wherein a database metadata is copied to the hashtable; and wherein upon the occurrence of a query interval, the database metadata is compared to the metadata in the hashtable.

18. (Original) The first method of claim 10 further comprising: notifying a registered party of an update to the XML Schema.

19. (Original) The first method of claim 10 further comprising: using a database trigger to indicate a change in the database.

20. (Previously presented) A program product operable on a computer, the program product comprising:

a computer-usable medium;

wherein the computer usable medium comprises instructions contained in the program product comprising:

instructions for creating an XML Schema for a database;

wherein the XML Schema contains a plurality of rules for validating a plurality of data in the database;

instructions for copying the database to a hashtable;

instructions for designating a query interval;

upon the occurrence of the query interval, instructions for comparing the database to the hashtable;

instructions for determining if the database and the hashtable are identical; and

when the database and the hashtable are not identical, instructions for creating a new XML Schema;

wherein the instructions for creating a new XML Schema cause the computer to automatically update the plurality of rules; and

wherein the new XML Schema is created only when a determination is made that the database and the hashtable are not identical.

21. (Canceled)

22. (Original) The program product of claim 20 further comprising: when the database and the hashtable are identical, instructions for resetting the query interval and repeating the steps in claim 20.

23. (Currently amended) The program product of claim 20 ~~wherein the additional steps~~ further compris[[e]]ing: when the database and the hashtable are not identical, instructions for deleting the hashtable and saving the database as a new hashtable.

24. (Currently amended) The program product of claim 20 ~~wherein the additional steps~~ further compris[[e]]ing: when the database and the hashtable are not identical, instructions for storing the new XML Schema in a web server's virtual root.

25. (Previously presented) The program product of claim 20 wherein a limited number of tables from the database are copied to the hashtable; and wherein upon the occurrence of a query interval, the database tables are compared to the tables in the hashtable.

26. (Previously presented) The program product of claim 20 wherein a database metadata is copied to the hashtable; and wherein upon the occurrence of a query interval, the database metadata is compared to the metadata in the hashtable.

27. (Original) The program product of claim 20 further comprising: notifying a registered party of an update to the XML Schema.

28. (Original) The program product of claim 20 further comprising: instructions for using a database trigger to indicate a change in the database.

29. (Previously presented) A first program product operable on a computer, the program product comprising:

a computer-usable medium;

wherein the computer usable medium comprises executable instructions contained in the program product comprising:

instructions for accessing an XML Schema stored in a web server's virtual root;

wherein the XML Schema contains a plurality of rules for validating a plurality of data in the database;

instructions for checking the validity of a data using the XML Schema;

instructions for submitting the data to a database;

instructions for validating the data; and

instructions for adding the validated data to the database;

wherein the XML Schema is created by a second program product comprising:

instructions for designating a query interval;

instructions for creating an XML Schema for the database;

instructions for copying the database to a hashtable upon the occurrence of the query interval,

instructions for comparing the database to the hashtable;

instructions for determining if the database and the hashtable are identical; and

when the database and the hashtable are not identical, instructions for creating a new XML Schema;

wherein the instructions for creating a new XML Schema cause the computer to automatically update the plurality of rules; and

wherein the new XML Schema is created only when a determination is made that the database and the hashtable are not identical.

30. (Canceled)

31. (Canceled)

32. (Previously presented) The first program product of claim 29 wherein the second program product further comprises: when the database and the hashtable are identical, instructions for resetting the query interval and repeating the steps in claim 29.

33. (Original) The first program product of claim 29 wherein the second program product further comprises: instructions for deleting the hashtable and saving the database as a new hashtable.

34. (Original) The first program product of claim 29 wherein the second program product further comprises: instructions for storing the new XML Schema in a web server's virtual root.

35. (Previously presented) The first program product of claim 29 wherein a limited number of tables from the database are copied to the hashtable; and wherein upon the occurrence of a query interval, the database tables are compared to the tables in the hashtable.

36. (Previously presented) The first program product of claim 29 wherein a database metadata is copied to the hashtable; and wherein upon the occurrence of a query interval, the database metadata is compared to the metadata in the hashtable.

37. (Original) The program product of claim 29 further comprising: notifying a registered party of an update to the XML Schema.

38. (Original) The first program product of claim 29 further comprising: instructions for using a database trigger to indicate a change in the database.